

**Before the
FEDERAL COMMUNICATIONS COMMISSION
Washington, D.C. 20554**

In the Matter of

Application of Harris CapRock
Communications, Inc. for Modification of
Fixed Earth Station License to Add
Permitted List Authority

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File No:

Call Sign: E050332

Earth Station License Modification Application

By this application, Harris CapRock Communications, Inc. (“Harris CapRock”) seeks to modify its existing C-band fixed earth station license (Call Sign E050332) by adding “Permitted List” as an authorized point of communication for the earth station terminal. The subject terminal – a Sea Tel Model 9797– is located on the Neptune Spar (Viosca Knoll 826), an offshore oil platform located in the Gulf of Mexico (29° 9’ 48.4” N, 87° 59’ 15.9” W). Presently under the license, the terminal is authorized to communicate with certain satellite points of communication and this modification seeks to expand communications to include satellites on the Commission’s Permitted Space Station List. The requested modification will afford Harris CapRock additional operational flexibility and allow it to obtain more reliable and cost-effective satellite services on the offshore platform, where reliable broadband connectivity is critical for operational, safety and other reasons.

In seeking Permitted List authority, Harris CapRock requests authority to operate the earth station terminal with any U.S. licensed satellite and non-U.S. licensed satellite on the Commission’s Permitted Space Station List. Accordingly, Harris CapRock also seeks to widen the range of satellite arc currently in the license to 60° W.L. to 143° W.L., which will slightly modify the maximum EIRP towards the horizon value, as well as the azimuth and elevation angles, as indicated in the Schedule B. Harris CapRock certifies that the remaining technical information in its earth station license and associated

application¹ remains unchanged.

A frequency coordination analysis was conducted by Comsearch and demonstrates that Harris CapRock may operate the Sea Tel 9797 earth station terminal over the proposed satellite arc range and will not cause harmful interference. Comsearch sent a coordination notice to existing licensees in the band within relevant coordination distances and no objections have been received from incumbent licensees.² Accordingly, Harris CapRock's proposed operations are fully compatible with other FCC-licensed operations. The requested modification will serve the public interest by enhancing Harris CapRock's satellite communication capabilities on the Neptune Spar, thereby improving the critical services its provides to crew members for business and emergency operations.

Harris CapRock respectfully requests that the Commission grant its application to modify its existing C-band earth station license, Call Sign E050332, by adding Permitted List authority to allow the terminal to communicate with satellites on the Commission's Permitted Space Station List.

¹ See File No. SES-MFS-20081209-01565 (Call Sign E050332).

² Please note that potentially affected licenses may respond to Comsearch by January 19, 2016, but Comsearch's analysis suggests that there will be no impact to such licensees by the operations proposed herein. To the extent that a potentially affected licensee contacts Comsearch regarding the proposed operations, Harris CapRock will inform the Commission and amend its application to the extent necessary to address the concerns of the affected licensees.